

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

Jul. 28. 2004 6:57 PM

ZPS GROUP LLC

No. 5100 P. 2



Patent
Atty. Docket No. ITW7510.082

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Jeffery R. Ihde et al.
Serial No. : 10/709,781
Filing Date : May 27, 2004
Title : VOLTAGE REGULATED GMAW WELDING
USING A CONSTANT CURRENT POWER
SOURCE AND WIRE FEEDER HAVING
VARIABLE GAIN
Group Art No. : 1725
Examining Attorney : Unknown

CERTIFICATION UNDER 37 CFR 1.8(a) and 1.10

I hereby certify that, on the date shown below, this correspondence is being:

Mailing

☐ deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

37 CFR 1.8(a)

☐ with sufficient postage as first class mail

37 CFR 1.10

☐ As "Express Mail Post Office to Addressee" Mailing Label No. _____

Transmission

☒ transmitted by facsimile to Fax No.: (703) 872-9306 addressed to Mail Stop Missing Parts at the Patent and Trademark Office.

Date: 7-12-04

Asia J. Chaney
Signature

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Docketed by: dlc
Date: 7-15-04

RESPONSE TO NOTICE TO FILE MISSING PARTS

Dear Sir:

This is in response to a Notice to File Missing Parts of Nonprovisional Application under 37 CFR 1.53(b). Enclosed is a copy of said Notice and the following documents and fees to complete the filing requirements of the above-identified application.

Jeffery R. Ihde et al.

S/N: 10/709,781

- ☐ Executed Declaration and Power of Attorney. The above-identified application is the same application which the inventor executed by signing the enclosed declaration.
- ☐ Statutory basic filing fee ☐ Utility ☐ Design
- ☒ Additional claim fees of \$86.00, including Credit Card Payment Form
- ☐ Missing Parts Surcharge \$130.00
- ☐ A Petition for Extension of Time for reply to Notice of Missing Parts is attached.
 - ☐ one month (\$110.00)
 - ☐ two months (\$420.00)
 - ☐ three months (\$950.00)
 - ☐ four months (\$1,480.00)

Respectfully submitted,



Timothy J. Ziolkowski
Registration No. 38,368
Direct Dial 262-376-5139
tjz@zpspatents.com

Date: July 12, 2004
Atty. Docket No.: ITW7510.082

P.O. ADDRESS:

Ziolkowski Patent Solutions Group, LLC
14135 N. Cedarburg Rd.
Mequon, WI 53097-1416
262-376-5170



ZPS GROUP LLC

No. 5100 P. 4

Page 1 of 2

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/709,781	05/27/2004	Jeffery R. Ihde	ITW7510.082

33647
ZIOLKOWSKI PATENT SOLUTIONS GROUP, LLC (ITW)
14135 NORTH CEDARBURG ROAD
MEQUON, WI 53097

CONFIRMATION NO. 3780

FORMALITIES LETTER



OC000000013143819

Date Mailed: 07/02/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- Additional claim fees of \$86 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$86 for a Large Entity

- Total additional claim fee(s) for this application is \$86
 - \$86 for 1 independent claims over 3.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

N. Mohammed
Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

Jul 28 2004 3:48PM

ZPS GROUP LLC

No.5100 P. 6

P. 1



Transmission Result Report (MemoryTX) (Jul.12. 2004 3:49PM) * * *

1} ZPS GROUP LLC

Date/Time: Jul.12.2004 3:48PM

File No. Mode	Destination	Pg (s)	Result	Page Not Sent
4949 Memory TX	uspto	P. 5	OK	

Reason for error

E.1) Hang up or line fail
E.3) No answer

E.2) Busy
E.4) No facsimile connection

Patent
Atty. Docket No. ITW7510.062

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Jeffrey R. Ihde et al.
Serial No. : 10709,781
Filing Date : May 27, 2004
Title : VOLTAGE REGULATED GMAW WELDING
USING A CONSTANT CURRENT POWER
SOURCE AND WIRE FEEDER HAVING
VARIABLE GAIN
Group Art No. : 1725
Examining Attorney : Unknown

DISCONTINUATION UNDER 37 CFR 1.464 and 1.465

I hereby certify that, on the date shown below, this correspondence is being:

☐ Mailing
Approved with the United States Postal Service in any envelope addressed to the Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450

☐ By E-mail : 37 CFR 1.464
with sufficient postage at the time sent ☐ As "Registered Mail with Return Receipt" Mailing Label

☐ Transmitted by facsimile to Fax No.: (703) 724-0001 addressed to Mail Stop including Name of the Patent and Trademark Office

Date: 7-12-04

John J. Chao
Signature

Mail Stop Missing Parts
Copyrighted for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE TO FILE MISSING PARTS

Dear Sir:

This is in response to a Notice to File Missing Parts of Nonprovisional Application under 37 CFR 1.53(b). Enclosed is a copy of said Notice and the following documents and fees to complete the filing requirements of the above-identified application.

Jul 28, 2004 3:38PM

ZPS GROUP LLC

No. 5100 P. 7

USPTO

7/12/2004 5:01 PM

PAGE 1/001

Fax Server

Auto-reply fax to

12623762994 COMPANY:

65798

JUL 28 2004

Auto-Reply Facsimile Transmission

TO:

Fax Sender at 12623762994

Fax Information

Date Received:

7/12/2004 4:51:24 PM [Eastern Daylight Time]

Total Pages:

5 (including cover page)

ADVISORY: This is an automatically generated return receipt confirmation of the facsimile transmission received by the Office. Please check to make sure that the number of pages listed as received in Total Pages above matches what was intended to be sent. Applicants are advised to retain this receipt in the unlikely event that proof of this facsimile transmission is necessary. Applicants are also advised to use the certificate of facsimile transmission procedures set forth in 37 CFR 1.8(a) and (b), 37 CFR 1.6(f). Trademark Applicants, also see the Trademark Manual of Examining Procedure (TMEP) section 306 et seq.

Received
Cover
Page
=====

JUL 12 2004 3:48PM ZPS GROUP LLC

No. 4948

Patent

App. Docket No. ITW7510.082

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Jeffrey R. Jide et al.
Serial No. : 10/709,781
Filing Date : May 27, 2004
Title : VOLTAGE REGULATED GMAW WELDING
USING A CONSTANT CURRENT POWER
SOURCE AND WIRE FEEDER HAVING
VARIABLE GAIN
Group Art No. : 1725
Examining Attorney : Unknown

CERTIFICATION UNDER 37 CFR 1.601 AND 1.610

I hereby certify that, on the date shown below, the correspondence is true:

☐ Mailed
Agreement with the United States Postal Service for an envelope addressed to the Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450

☐ 37 CFR 1.6(a)
with sufficient postage as then stated ☐ As "Express Mail" Post Office to Addressed MAILING LABEL
No. _____

☐ Transmitted by facsimile to P.O. Box 1450, 1700 1700, addressed to Mail Stop Mailing Parts of the Patent and Trademark Office.

Date: 7-12-04

Signature: Chris J. Choisy

Mail Stop Mailing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE TO FILE MISSING PARTS

Dear Sir:

This is in response to a Notice to File Missing Parts of Nonprovisional Application under 37 CFR 1.53(b). Enclosed is a copy of said Notice and the following documents and fees to complete the filing requirements of the above-identified application.

PAGE 125 * RCVD AT 7/12/2004 4:41:24 PM [Eastern Daylight Time] * SVR:USPTO-EFXXF-2/0 * DNIS:7466599 * CSID:12623762994 * DURATION (mm-ss):01:48